



Program Forum

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Forum Purpose



- ❖ Provide update from Program Forum held February 7, 2012
- ❖ Introduce Agency-approved Commercial Crew Certification Strategy
- ❖ Provide Commercial Crew Program's (CCP) strategy for future procurement opportunities

Commercial Crew Program Objectives



Commercial LEO Capability

❖ Public Purpose

- Competed, funded SAAs to advance industry CTS capabilities

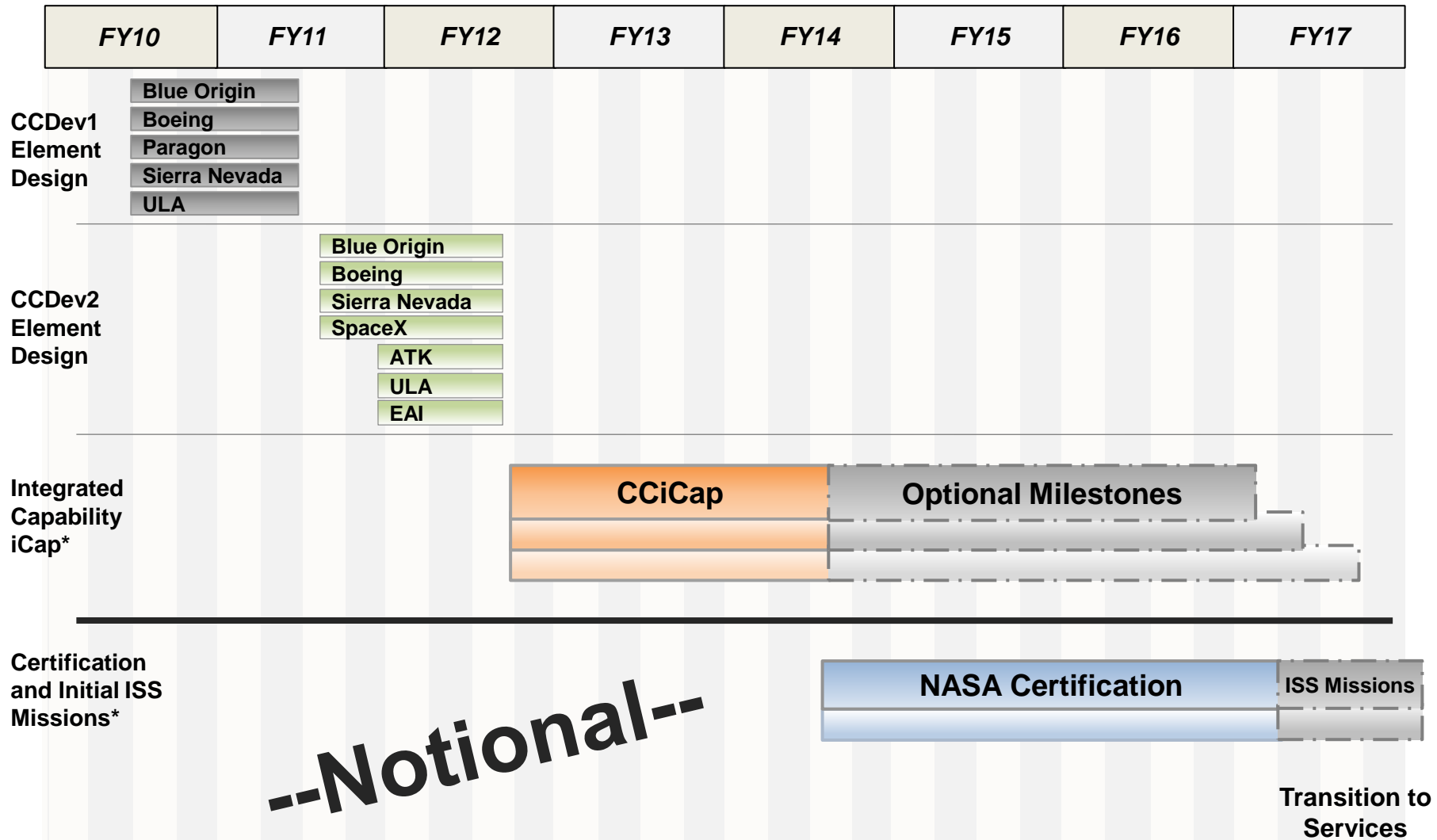
ISS Design Reference Mission

❖ NASA Need

- NASA certification contracts
- ISS services contract

Interim Plan after IDC Cancellation

Presented at Program Forum in February 2012



*Number of awards to conform to budget

Revised Acquisition Strategy (2012)



FY12	FY13	FY14	FY15	FY16	FY17	FY18

Commercial Crew Transportation System Development

AFP

Integrated Capability SAA (iCap)

Optional Milestones

Certification for ISS Crew Transportation

Phase 1

Phase 2

Alignment with NASA
certification requirements

RFP

Certification Products Contract

Verification, validation, test and
final certification

RFP

Certification Contract

Certification to
include at least
one crewed ISS
mission

--Notional-- ISS Crew Transportation Services

RFP

ISS Services Contract



- ❖ Contract Objective - Begin early, critical certification work to meet NASA Crew Transportation System (CTS) requirements
- Maturing key certification products in Phase 1 enables industry readiness and level of maturity required for NASA evaluation of Phase 2
 - Allows technical interchanges between NASA and contractors on certification requirements
 - Verification, validation, and testing plans required to achieve NASA Certification are design dependent
- Increases confidence in ISS services date

Phase 1 – Certification Products Contracts (CPC)



❖ Procurement summary

- Multiple firm fixed price contract awards
- Individual awards capped at a maximum of \$10M each
- Phase 1 Period of Performance: 15 months, assuming February 2013 award
- Streamlined Process
 - Proposal evaluation will focus on key areas only; reducing proposal preparation and expediting evaluation process

❖ Limited Scope

- Submittal and discussion of specific early lifecycle certification products
 - Alternate Standards
 - Hazard Analyses/Reports
 - Verification & Validation Plan
 - Certification Plan
- Begin the process of ISS visiting vehicle integration
- No design/development work funded through CPC

Tentative Dates for Planning Purposes

- ❖ Pre-Solicitation Synopsis: Late August 2012
- ❖ RFP Release: September 2012
- ❖ Pre-Proposal Conference: 5 business days after RFP release
- ❖ Contract Award: February 2013